

CLAIMS: We claim:

1. A method for immersing facial images of people into a video sequence, comprising the following steps of:
 - a) capturing a plurality of input images of a user or a plurality of users that wants to use the system,
 - b) processing said plurality of input images in order to extract facial images of said user or said plurality of users,
 - c) immersing said sequence of said user or said plurality of users' images into said video sequence, replacing replaceable actor images in said video, and
 - d) creating a new movie through the immersion.
2. The method according to claim 1, wherein the method further comprises the step of getting facial images of said user or a plurality of users automatically from an image or a sequence of images.
3. The method according to claim 1, wherein the method further comprises the step of getting input images from alternative input means,
whereby examples of said alternative input means can be scanned photographs,
image files from a digital camera, or other image sources of said user or said plurality of users.

4. The method according to claim 1, wherein the method further comprises the step of making, using, and processing a format, which stores information about replaceable actors' images and their properties.
5. The method according to claim 1, wherein the method further comprises the step of processing demographic classification for said user or said plurality of users using said plurality of input images.
6. The method according to claim 1, wherein the method further comprises the step of matching said user or said plurality of users' images with said replaceable actor images in said video, according to a plurality of the demographic information from said demographic classification.
7. The method according to claim 1, wherein the method further comprises the step of playing the created movie in real-time or after said movie is completely created, on a means for displaying content.
8. The method according to claim 1, wherein the method further comprises the step of processing user interaction to adjust the content of said movie, whereby the adjustable visual and audio contents can be provided by said movie media.

9. The method according to claim 8, wherein the method further comprises the step of synchronizing the dynamic content adjustment to give seamless flow of the play.
10. The method according to claim 1, wherein the method further comprises the step of storing and retrieving said users' images and attributes in a database, whereby the stored users' images and attributes can be used as alternative input means.
11. The method according to claim 1, wherein the method further comprises the step of retrieving the replaceable actor image and attribute from said movie media to a database and from said database to said means for processing immersion and said means for matching.
12. The method according to claim 1, wherein the method further comprises the step of matching the information from the user image and attribute database and from the replaceable actor image and property database.
13. The method according to claim 1, wherein the method further comprises the step of printing one or a plurality of screen shots of the created video.
14. The method according to claim 1, wherein the method further comprises the step of showing visual information and instruction on said means for displaying content.

15. The method according to claim 1, wherein the method further comprises the step for processing said facial images extraction in real-time.
16. The method according to claim 1, wherein the method further comprises the step for using an arbitrary background for said processing of the plurality of input images, whereby the arbitrary background can be uncontrolled or controlled background.
17. An apparatus for immersing facial images of people into a video sequence, comprising one or a plurality of means for:
- a) capturing a plurality of input images of a user or a plurality of users that wants to use the system,
 - b) processing said plurality of input images in order to extract facial images of said user or said plurality of users,
 - c) immersing said sequence of said user or said plurality of users' images into said video sequence, replacing replaceable actor images in said video, and
 - d) creating a new movie through the immersion.
18. The apparatus according to claim 17, wherein the apparatus further comprises one or a plurality of means for getting facial images of said user or a plurality of users automatically from an image or a sequence of images.

19. The apparatus according to claim 17, wherein the apparatus further comprises one or a plurality of means for getting input images from alternative input means, whereby examples of said alternative input means can be scanned photographs, image files from a digital camera, or other image sources of said user or said plurality of users.

20. The apparatus according to claim 17, wherein the apparatus further comprises one or a plurality of means for making, using, and processing a format, which stores information about replaceable actors' images and their properties.

21. The apparatus according to claim 20, wherein the apparatus further comprises one or a plurality of means for playing movie media of said format.

22. The apparatus according to claim 17, wherein the apparatus further comprises one or a plurality of means for processing demographic classification for said user or said plurality of users using said plurality of input images.

23. The apparatus according to claim 17, wherein the apparatus further comprises one or a plurality of means for matching said user or said plurality of users' images with said replaceable actor images in said video, according to a plurality of the demographic information from said demographic classification.

24. The apparatus according to claim 17, wherein the apparatus further comprises one or a plurality of means for playing the created movie in real-time or after said movie is completely created, on a means for displaying content.
25. The apparatus according to claim 17, wherein the apparatus further comprises one or a plurality of means for processing user interaction to adjust the content of said movie,
whereby the adjustable visual and audio contents can be provided by said movie media.
26. The apparatus according to claim 25, wherein the apparatus further comprises one or a plurality of means for enabling the dynamic content adjustment to be synchronized to give seamless flow of the play.
27. The apparatus according to claim 17, wherein the apparatus further comprises one or a plurality of means for storing and retrieving said users' images and attributes in a database,
whereby the stored users' images and attributes can be used as alternative input means.
28. The apparatus according to claim 17, wherein the apparatus further comprises one or a plurality of means for retrieving the replaceable actor image and attribute from

said movie media to a database and from said database to said means for processing immersion and said means for matching.

29. The apparatus according to claim 17, wherein the apparatus further comprises one or a plurality of means for matching the information from the user image and attribute database and from the replaceable actor image and property database.

30. The apparatus according to claim 17, wherein the apparatus further comprises one or a plurality of means for printing one or a plurality of screen shots of the created video.

31. The apparatus according to claim 17, wherein the apparatus further comprises one or a plurality of means for showing visual information and instruction on said means for displaying content.

32. The apparatus according to claim 17, wherein the apparatus further comprises one or a plurality of means for enabling said facial images extraction to be processed in real-time.

33. The apparatus according to claim 17, wherein the apparatus further comprises one or a plurality of means for enabling said processing of the plurality of input images to be possible in an arbitrary background,

whereby the arbitrary background can be uncontrolled or controlled background.